

## **ISTS Experience Report**

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Firstly, I would like to thank you for this great opportunity. I've found ISTS is one of the zenith platforms to learn ongoing scientific inventions and the future trends of aerospace research. During the sessions, I have had a short conversation with JAXA Astronaut (Prof. Chiaki Mukai) and NASA Astronaut (Sandra Maguns) and that's a very unique achievement for me to ask the questions to the Astronauts personally.

Besides that, I enjoyed the sessions and learned so many on the research of aerospace engineering and space science. Let's move on my self-introduction; I did my MSc in Physics and currently working as a Ph.D. student in South Korea at the Aerospace Engineering Department of Chosun University. I belong to Nepal a very small and underdevelopment country of South Asia. We don't have Space agencies and ongoing research in space science. Though, the research satellite, which has been named NepaliSat-1, was launched in April 2019 from the Virginia-based station of the National Aeronautics and Space Administration in the United States, according to authorities at the Nepal Academy of Science and Technology (NAST). "Though a humble beginning, with the launching of NepaliSat-1 Nepal has entered the Space-Era. That satellite was designed and built at the Kyushu Institute of Technology in Japan by two Nepali students. It reflects a very good relationship, cooperation, technology transfer between the two nations. This kinds of opportunity increases the human manpower for Nepal to the development of space activities. I found that this ISTS is the unique platform where we can talk, discuss, and share our idea about the Space science and aerospace engineering field. In my presentation I had got three questions form the audience, it's a very good reflection, interest on the Aerospace Mechanics. Moreover, I got an opportunity to have a dinner with the Space Colony Team of Tokyo University of Science and Technology; one of the Prof. of that team was responsible for the camera system of HAYABHUSA 2 and I met one Nepalese Assistant. Prof. who been working on the CIGS flexible solar cell as being the member of that team, which is one of my field of interest in South Korea. Additionally, I got an opportunity to go for the culture night, where we had Zen Meditation and Japanese Tea Ceremony. Lastly, I spent a very good and memorable time in Japan with my lab colleagues during the ISTS week. Thank you very much for the organizers, supporting team

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registration desk and all the members who are interrelated on this ISTS Conference for their kind support. Hove to see you again in 33<sup>th</sup> ISTS and 10<sup>th</sup> NSAT in 2020.

Sincerely,

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